



- CONCRETE REPAIRS
- SHOTCRETE REPAIR
- ERI EPOXY RESIN INJECTION

DocuSigned by:
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SEAL
20103
ENGINEER
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11/18/2015

REPAIR QUANTITY TABLE

| BENT 3 | QUANTITIES | | | |
|--------------------------|------------|-----------|---------|-----------|
| | ESTIMATE | | ACTUAL | |
| SHOTCRETE REPAIRS | AREA SF | VOLUME CF | AREA SF | VOLUME CF |
| CAP (VERTICAL FACE) | 45.0 | 11.0 | | |
| CAP (HORIZONTAL FACE) | 0.0 | 0.00 | | |
| COLUMN (HORIZONTAL FACE) | 0.0 | 0.00 | | |
| CONCRETE REPAIR | 24.0 | 6.0 | | |
| EPOXY RESIN INJECTION | | LN. FT. | | LN. FT. |
| CAP | | 55.0 | | |
| COLUMN | | 0.0 | | |

VALUES IN CHART REPRESENT ESTIMATED REPAIR TOTALS AFTER REMOVAL OF UNSOUND CONCRETE, MIN. OF 1" BEHIND REBAR AND MIN. 1" CL TO SAWCUT. SEE REPAIR DETAILS.

NOTES:

REPAIR LOCATIONS AND ESTIMATE OF QUANTITIES ARE GIVEN WITH THE BEST INFORMATION AVAILABLE. IF ADDITIONAL REPAIRS NOT SHOWN ON THE DRAWINGS ARE DEEMED NECESSARY BY THE INSPECTOR OR ENGINEER THE CONTRACTOR SHALL NOTE ON THE DRAWINGS THE APPROXIMATE LOCATION AND DESCRIPTION OF THE REPAIRS AND ADJUST THE ACTUAL QUANTITIES ENTERED INTO THE REPAIR QUANTITY TABLE.

CONTRACTOR SHALL SAW CUT TO A NOMINAL DEPTH OF 1/2" BUT REINFORCING STEEL SHALL NOT BE DAMAGED.

CONTRACTOR SHALL REMOVE SURFACE CONCRETE TO VERIFY THAT SAWCUT DEPTH WILL NOT DAMAGE EXISTING REINFORCING STEEL.

SHOTCRETE REPAIRS MAY BE REPLACED WITH CONCRETE REPAIRS WITH THE APPROVAL OF THE ENGINEER.

FOR SHOTCRETE REPAIRS, SEE SPECIAL PROVISIONS.

FOR EPOXY RESIN INJECTION, SEE SPECIAL PROVISIONS.

FOR REPAIR DETAILS, SEE TYPICAL CAP AND COLUMN REPAIR DETAILS SHEET.

PROJECT NO. I-5763
RANDOLPH COUNTY
BRIDGE NO. 236

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

BENT 3
SBL

REVISIONS

| NO. | BY: | DATE: | NO. | BY: | DATE: |
|-----|-----|-------|-----|-----|-------|
| 1 | | | 3 | | |
| 2 | | | 4 | | |

| |
|--------------|
| SHEET NO. |
| S-45 |
| TOTAL SHEETS |
| 48 |

DRAWN BY : M. WELDON DATE : 09/2015
CHECKED BY : W. SMITH DATE : 09/2015